

*Note: Information shown is based on data available at time of publication (September 1, 2009). Specifications are valid for Europe and may vary in other international markets. Vehicle model availability may change per individual markets.*

## Jeep® Cherokee SPECIFICATIONS

All dimensions are in millimeters (inches) unless otherwise noted.

### GENERAL INFORMATION

Body Style	Four-door sport-utility vehicle
Construction	Steel uniframe
Assembly Plant	Toledo, Ohio
Vehicle Segment	Multi-purpose vehicle

### ENGINE: 3.7-LITER SOHC V-6

Availability	Standard
Type and Description	90-degree V-6, liquid-cooled with balance shaft
Displacement	3700 cu. cm (225.8 cu. in.)
Bore x Stroke	93.0 x 90.8 (3.66 x 3.57)
Valve System	Chain-driven, SOHC, 12 valves, with hydraulic end-pivot roller rockers
Fuel Injection	Sequential, multiport, electronic, returnless
Construction	Cast-iron block, compacted graphite bedplate, aluminum alloy heads, balance shaft
Compression Ratio	9.7:1
Power	151 kW (205 hp DIN) @ 5200 rpm
Torque	314 N•m (232 lb.-ft.) @ 4000 rpm
Max. Engine Speed	6000 rpm, electronically limited
Fuel Requirement	87 RON unleaded petrol
Oil Capacity	4.7 L (5.0 qt.)
Coolant Capacity	13.25 L (14.0 qt.)
Emission Controls	Two mini-oxidation 3-way catalytic converters; four heated oxygen sensors; Exhaust-gas Recirculation (EGR) and internal engine features
<b>Fuel Consumption:</b>	
Urban Cycle	17.4 L/100 km
Ex-urban Cycle	9.4 L/100 km
Combined Cycle	12.4 L/100 km

### ENGINE: 2.8-LITER CRD TURBO DIESEL

Availability	Standard
Type and Description	Four cylinder in-line, common-rail diesel, turbocharged, intercooled
Displacement	2.8 L (2776 cc / 168.9 cu. in.)
Bore x Stroke	94 x 100 mm (3.7 x 3.94 in.)
Valve System	Belt Driven DOHC, 16 valves, with finger followers, hydraulic lash adjusters

Fuel Injection	Generation III common rail, direct, electronic (1600 bar)
Construction	Cast-iron block, aluminum alloy heads
Compression Ratio	17.5:1
Power (SAE net)	130KW (177 hp DIN) @ 3800 rpm
Torque (SAE net)	460 N•m (339 lb-ft) @ 2000 rpm with five speed auto. ; 410 N•m (302 lb-ft) @ 2000-2800 with six speed manual
Max. Engine Speed	4300 rpm, electronically limited
Fuel Requirement	Number 2 diesel (Ultra Low Sulphur)
Oil Capacity	6.0 L
Coolant Capacity	13.4 L (14.2 qt.)
Emission Controls	Exhaust-gas Recirculation (EGR), catalytic converters, optional factory installed diesel particulate filter available
<b>Fuel Consumption:</b>	
Urban Cycle	A5: 11.2 L/100 km, M6: 10.5 L/100 km
Ex-urban Cycle	A5: 7.5 L/100 km, M6: 6.9 L/100 km
Combined Cycle	A5: 8.9 L/100km, M6: 8.36 L/100 km

### TRANSMISSION: 42RLE—AUTOMATIC FOUR-SPEED OVERDRIVE

Availability	Standard with the Gas Engine.
Description	Adaptive electronic control and electronically modulated torque converter clutch
<b>Gear Ratios</b>	
1st	2.84
2nd	1.57
3rd	1.0
4th	0.69
Reverse	2.21
Axle	3.73
Overall Top Gear	2.57

### TRANSMISSION: NSG370 SIX-SPEED MANUAL

Availability	Standard with diesel engine
Description	Six-speed, synchronized in all forward gears and reverse, multi-rail shift system with top mounted shifter, dual mass flywheel
<b>Gear Ratios</b>	
1st	4.459
2nd	2.614
3rd	1.723
4th	1.245
5th	1.0
6th	0.838
Reverse	4.062
Axle	3.21
Overall Top Gear	2.69

**TRANSFER CASE: MP3022 SELEC-TRAC II®**

Availability	Standard on 4WD models
Type	Full-time active on-demand, electronic shift
Operating Modes	2WD, 4WD Auto, 4WD Low, Neutral
Center Differential Type	None
Torque Split, F/R	42/58
Low-range Ratio	2.72:1

**AXLE RATIOS**

3.7-liter V-6 Engine Auto	3.73:1 (Diesel: 3.21:1)
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**ELECTRICAL SYSTEM**

Alternator	140-amp
Battery	600-amp, maintenance-free

**DIMENSIONS AND CAPACITIES<sup>(a)</sup>**

Wheelbase	2694.4 (106.1)
Track, Front	1549.4 (61.0)
Track, Rear	1549.4 (61.0)
Overall Length (NAFTA vehicles)	4473.3 (176.1)
Overall Width	1856.9 (73.1)
Overall Height (with roof rack)	1810.4 (71.3)
Load-Floor Height	866.3 (34.1)
Sill-Step Height	514.0 (20.2)

**Ground Clearances  
(4WD with P235/65R17 tires)**

Chassis	240.7 (9.5)
Fuel Tank	240.0 (9.5)
Front Axle	198.0 (7.8)
Rear Axle	205.2 (8.1)
Approach Angle, (with air dam)	28.7°
Breakover Angle	21.5°
Departure Angle	30.1°
Frontal Area	30.21
Aero CdA	12.0
Aero Cd	0.394
Fue-tank Capacity	(73.8 L /19.5 gal. – Gas) / (70 L /18.5 gal. – Diesel)

## ACCOMMODATIONS

Seating Capacity—F/R	2/3
<b>Front Row</b>	
Head Room without Sun Roof	1025.1 (40.4)
Head Room with Sun Roof	971.0 (38.2)
Leg Room	1035.8 (40.8)
Shoulder Room	1450.4 (57.1)
Hip Room	1338.1 (52.7)
Seat Travel	229.1 (9.0)
Recliner Range	6.6° to 51.6°
SAE Volume (standard roof)	54.47 cu. ft.
<b>Second Row</b>	
Head Room	1036.2 (40.8)
Leg Room	969.7 (38.2)
Knee Clearance	49.7 (2.0)
Shoulder Room	1436.7 (56.6)
Hip Room	1337.0 (52.6)
Recliner Range	21.5° to 33.5°
SAE Cargo Volume	51.06 cu. ft.
<b>Cargo Access</b>	
Liftover Height	866.4 (34.1)
Maximum Cargo Width at Liftgate Opening	1122.9 (44.2)
Minimum Cargo Width at Liftgate Opening	1046.4 (41.2)
Maximum Cargo Height at Liftgate Opening	751.0 (29.6)
Minimum Cargo Height at Liftgate Opening	746.0 (29.4)
Distance Between Wheelhouse Interior Trim	1050.9 (41.4)
<b>SAE Cargo Volume</b>	
Behind Rear Seat	0.7 cu. m (25.2 cu. ft.)
Behind Front-row Seats with Rear Seats Folded	1.7 cu. m (60.9 cu. ft.)

## BODY AND CHASSIS

Layout	Longitudinal front engine, rear-wheel drive or four-wheel drive
Construction	Steel uniframe

## SUSPENSION

Front	Upper and lower “A” arms, coil springs, low-pressure gas-charged shock absorbers and stabilizer bar
Rear	Live axle, upper and lower trailing arms, track bar, coil springs, low-pressure gas-charged shock absorbers and stabilizer bar